

PRECIDIUM™ 2200

DESCRIPTION

PRECIDIUM™ 2200 is a 75% solids, high-performance, two-component polyurea elastomer primer ideally suited in combination with Quantum Chemical **PRECIDIUM™ Membrane Systems**. This product is very similar to the **2100**, however the 1:1 mix lowers the viscosity of the **2200** so it can be applied at a much lower mil thickness, while allowing better penetration in concrete substrates, properly sealing the substrate and providing excellent adhesion to almost all properly prepared substrates. With the same chemistry as the other **PRECIDIUM™** systems, inter-coat adhesion is excellent when the product re-coat windows are followed.

INSTRUCTIONS

PRECIDIUM™ 2200 is mixed 1 part resin to 1 part ISO by volume. Poor mixing and measuring can lead to uncured material. To ensure proper mixing, the Resin is tinted white and the ISO is tinted black. First, mix the Resin and ISO separately so any settled pigment is mixed in. For mixing the Resin and ISO together, it is best if a jiffy mixer is used at high speed for at least 1 minute for mixing. The mixed colour will be a uniform grey, with no visible black or white streaks that would indicate further mixing is required. Improper measuring (under-indexing of the ISO) will negatively affect the properties of the cured product. If in doubt, slight over-indexing of the ISO is preferable, but never under-indexing. It is recommended to mix the amount of material that can be used in a 10-minute window. The best application method is by pouring out product on the substrate and rolling out the product in a very thin coat with a high-quality, low-nap roller (eg. Wooster 3/16" nap. De-lint the roller prior to use.) Clean-up should be done immediately with MEK.

PROPERTIES OF CURED PRODUCT

Volume Solids	75%	
VOC	217g/L (1.81lb/gal)	
Mix Ratio	1:1 (Volume) (Resin:Iso)	
Resin Colour:	White	
ISO Colour:	Black	
Mixed Product Colour:	Uniform Grey	
Test Description	<u>Test Method</u>	<u>Result</u>
Durometer Hardness	ASTM D2240	43D
Tensile Strength:(Die C)	ASTM D412	1900 psi
Elongation (Die C)	ASTM D412	695%

Tear Strength (Die C)	ASTM D624	300 pli
Abrasion Resistance	ASTM D4060	0 mg loss (CS-17 Wheel, 1000 cycles 1000 g load)
Pot Life	20 minutes	
Touch Dry	60-90 minutes	
Tack Free	110-130 minutes	
Recoat	4-36 hours**	

*Approximate values only. Should not be considered specifications. This data sheet is intended for general information only.

**After 24 hours wipe surface with MEK or Acetone prior to re-coat.

AVAILABILITY

PRECIDIUM™ 2200 is packaged in US Gallons (3.78 Liters), US 5-gallon Pails (18.9 Liters).

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

PRODUCT SAFETY

An SDS is available upon request.

OTHER

Recommendations for the use of our products are based on the specifications of this technical data and the test results published herein. Manufacturer and seller are not responsible for results where the product is used under any conditions outside those specified or beyond our control. The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use specified herein. Quantum Chemical makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum Chemical will replace such quantity of the product proven to be defective or refund the purchase price of defective product. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum Chemical has the authority to change this warranty. The information contained herein is subject to change without notice. If in doubt, contact your Quantum Chemical Representative for current Technical Data Sheets (TDS).